

Insert
in B6

SEQUENCE LISTING

(1) GENERAL INFORMATION

- (i) APPLICANT: BRUCE D. GAYNOR, BETTY A. DIAMOND,
MATTHEW D. SCHARFF AND PHILIPPE VALADON
- (ii) TITLE OF INVENTION: PEPTIDES FOR THE TREATMENT AND
DIAGNOSIS OF SYSTEMIC LUPUS
ERYTHEMATOSUS
- (iii) NUMBER OF SEQUENCES:
- (iv) CORRESPONDENCE ADDRESS:
(A) ADDRESSEE: AMSTER, ROTHSTEIN & EBENSTEIN
(B) STREET: 90 PARK AVENUE
(C) CITY: NEW YORK
(D) STATE: NEW YORK
(E) COUNTRY: U.S.A.
(F) ZIP: 10016
- (v) COMPUTER READABLE FORM:
(A) MEDIUM TYPE: 3.5 INCH 1.44 Mb STORAGE DISKETTE
(B) COMPUTER: IBM PC COMPATIBLE
(C) OPERATING SYSTEM: MS-DOS
(D) SOFTWARE: ASCII
- (vi) CURRENT APPLICATION DATA:
(A) APPLICATION NUMBER: 08/581,832
(B) FILING DATE: SEPTEMBER 20, 1995
- (viii) ATTORNEY/AGENT INFORMATION:
(A) NAME: CRAIG J. ARNOLD
(B) REGISTRATION NUMBER: 34,287
(C) REFERENCE/DOCKET NUMBER: 96700/342
- (ix) TELECOMMUNICATION INFORMATION:
(A) TELEPHONE: (212) 697-5995
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(C) TELEX: TWX 710-581-4766

(2) INFORMATION FOR SEQ ID NO: 1

- (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 10
(B) TYPE: AMINO ACID
(C) STRANDEDNESS: SINGLE
(D) TOPOLOGY: LINEAR

- (ii) MOLECULE TYPE:
(A) DESCRIPTION: PEPTIDE

- (iii) HYPOTHETICAL: YES

- (iv) ANTI-SENSE: NO

- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1

Asp Trp Glu Tyr Ser Val Trp Leu Ser Asn
1 5 10

(3) INFORMATION FOR SEQ ID NO: 2

- (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 6
(B) TYPE: AMINO ACID
(C) STRANDEDNESS: SINGLE
(D) TOPOLOGY: LINEAR

- (ii) MOLECULE TYPE:
(A) DESCRIPTION: PEPTIDE

- (iii) HYPOTHETICAL: YES

- (iv) ANTI-SENSE: NO

- (ix) FEATURE:

- (A) NAME/KEY:
(B) LOCATION:
(C) IDENTIFICATION METHOD:
(D) OTHER INFORMATION: Xaa at 1 and 4 is any amino acid

- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2

Xaa Gly Trp Xaa Arg Val
1 5

(4) INFORMATION FOR SEQ ID NO: 3

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 6
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE:

- (A) DESCRIPTION: PEPTIDE

(iii) HYPOTHETICAL: YES

(ix) FEATURE:

- (A) NAME/KEY:
- (B) LOCATION:
- (C) IDENTIFICATION METHOD:
- (D) OTHER INFORMATION: Xaa at 1, 3 and 6 is any amino acid

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3

Xaa Trp Xaa Tyr His Xaa
1 5

(5) INFORMATION FOR SEQ ID NO: 4

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 5
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE:

- (A) DESCRIPTION: PEPTIDE

(iii) HYPOTHETICAL: YES

(ix) FEATURE:

- (A) NAME/KEY:
- (B) LOCATION:
- (C) IDENTIFICATION METHOD:
- (D) OTHER INFORMATION: Xaa at 1 and 3 is Aspartic Acid or Glutamic Acid; Xaa at 5 is Glycine or Serine

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4

Xaa Trp Xaa Tyr Xaa

1

5

(6) INFORMATION FOR SEQ ID NO: 5

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 6

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE:

(A) DESCRIPTION: PEPTIDE

(iii) HYPOTHETICAL: YES

(ix) FEATURE:

(A) NAME/KEY:

(B) LOCATION:

(C) IDENTIFICATION METHOD:

(D) OTHER INFORMATION: Xaa at 1 and 3 is Aspartic
Acid or Glutamic Acid

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5

Xaa Gly Xaa Trp Pro Arg

1

5

(7) INFORMATION FOR SEQ ID NO: 6

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 25

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE:

(A) DESCRIPTION: PEPTIDE

(iii) HYPOTHETICAL: YES

(ix) FEATURE:

- (A) NAME/KEY:
(B) LOCATION:
(C) IDENTIFICATION METHOD:
(D) OTHER INFORMATION: Xaa at 7-16 is any amino acid

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6

Ala Asp Gly Ser Gly Gly Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10 15

Gly Ala Pro Ser Gly Ala Glu Thr Val
20 25

Q, (8) INFORMATION FOR SEQ ID NO: 7

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 10
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE:

(A) DESCRIPTION: PEPTIDE

(iii) HYPOTHETICAL: YES

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7

Arg His Glu Asp Gly Asp Trp Pro Arg Val
1 5 10